Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 05 Aug 2021 until 23:59 on Friday 06 Aug 2021

Forecast Issued on Thursday 05 Aug 2021 at 01:19

Confidence: High for unsettled conditions dominating, with showers and some longer spells of rain, some of which could be heavy and thundery. Less unsettled conditions likely by Monday.

Headline for Thursday 05 Aug 2021: Dry at first. Rain moving east after mid-morning, some heavy, and perhaps turning thundery.

Mountain weather hazards on Thursday 05 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy rain showers	Heavy rain showers (night)
Precipitation probability					
10%	40%	90%	80%	50%	50%

Forecast for Thursday 05 Aug 2021

Weather: Dry start but cloud increasing from the west, with outbreaks of rain arriving from mid-morning. Some heavy bursts of rain mixed in, with a chance of thunderstorms developing in the afternoon and evening.

Chance of cloud free mountain/hill tops above 600m: 90% at first falling to 20% by evening.

Visibility: Generally very good at first, with cloud above the hills, but becoming more variable from mid-morning as outbreaks of rain spread east. Periods of cloud developing above 500m through the afternoon, perhaps lowering to 300m through the evening.

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Mountain Weather Forecast

Forecast for Thursday 05 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 SE	16/23 SE	19/28 S	19/28 SE	19/29 SE	16/25 SE	12/19 S
300	5/16 SE	12/23 SE	14/27 S	13/27 SE	13/28 SE	11/24 SE	8/17 SE
Valley	6/15 SE	10/22 SE	13/27 SE	11/26 SE	12/27 SE	10/23 SE	6/14 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	13/10	14/10	12/9	12/8	12/9	12/10
300	13/13	16/14	16/14	14/12	14/12	14/12	14/12
Valley	15/14	18/16	18/15	16/14	15/13	15/13	15/14
Freezing Level*	2400m	2200m	2400m	2700m	2700m	2700m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions deteriorate after mid-morning with some heavy rain, lowering cloud bases and freshening winds developing. The chance of lightning strikes increases through the afternoon and into the evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 04 Aug 2021	1mm	1mm	1.6mm

Forecast for Friday 06 Aug 2021

Weather: Rain/showers probably becoming more scattered for a time in the overnight period, before becoming frequent through daytime on Friday. The showers likely to be heavy, with hail, thunder/lightning likely.

Maximum wind: Southwest 15-20mph, gusts 30mph.

Chance of cloud free mountain/hill tops above 600m: 30% at first becoming 70% by afternoon.

Visibility: Areas of cloud likely above 400-500m at first, but generally lifting above most summits by afternoon, with good visibility beneath outside of showers. However, temporary and perhaps rapid deteriorations to be expected in heavy showers.

Temperature: **Valleys:** Plus 13 Celsius at first rising to Plus 17 Celsius by afternoon.
At 600m: Plus 12 Celsius.
Freezing level: Above summits.

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